



**PUBLIC INFORMATION OPEN HOUSE MEETING**  
**Chappell Volunteer Fire Dept., 1650 2<sup>ND</sup> St., Chappell, Nebraska**  
**Tuesday, August 6, 2013; 4:00–6:00 PM**

## **STP-30-1(133) US-138 West; CN 51463**

**LOCATION:** This proposed project is located on US Highway 30 (US-30; also locally known as County Road 14), beginning at Reference Post (RP) 97+57, approximately 2.20 miles east of the junction of US-30 and south Nebraska Highway 27 (N-27), extend east 10.29 miles, and end at RP 107+86, approximately 0.25 miles east of the east junction of US-30 and US Highway 138 (US-138), about two miles north of Big Springs.

**PURPOSE AND NEED:** The purpose of the project is to preserve the US-30 transportation asset, improve the reliability of the highway system, and maintain the mobility of the traveling public. The existing roadway has reached the end of its service life and does not meet minimum width requirements. Because storm water “overtops” areas of US-30 during certain storm events, an additional culvert would be constructed near County Road 197 (RP 102+35). An existing bridge over an unnamed tributary between County Road 205 and US-138 (RP 107+07) requires repair.

**SCOPE OF WORK:** The improvements on this project would consist of widening and resurfacing the existing roadway to a 28-foot-wide surfaced roadway. Improvements would also include widening the earth shoulders by three feet and flattening the “foreslopes” (The foreslope is the slanted area from the edge of the shoulder to the bottom of the ditch or to the bottom of the roadway fill). This would be a 4:1 typical design (inclined four-foot lateral to every one-foot rise). Existing surfaced drives and intersections would be resurfaced and mailbox turnouts constructed. Existing culverts would be extended as required. A new concrete box culvert would be constructed near County Road 197 (RP 102+35) and there would be an alignment shift to the south in the vicinity of County Road 197 (RP 102+10 to RP 102+87). Repair of the bridge between County Road 205 and US-138 (RP 107+07) would consist of an epoxy polymer overlay, expansion joint replacement, and sealing of bridge rails. Guardrail would be removed and replaced.

**TRAFFIC VOLUMES:**

**US-30; south N-27 to US-138**

| Year                   | 2017       | 2027       |
|------------------------|------------|------------|
| Vehicles Per Day (ADT) | <b>410</b> | <b>460</b> |
| % Heavy Trucks         | <b>15%</b> | <b>15%</b> |

**ESTIMATED CONSTRUCTION SCHEDULE:** Construction could begin as early as spring of 2017 with completion later that same year. Construction of Project **STP-30-1(132) Chappell East; CN 51462** would be planned for the previous year.

**ACCOMMODATION OF TRAFFIC:** The proposed construction would be completed “under traffic,” without detouring US-30 traffic; any temporary lane closures would be controlled with approved traffic control strategies and devices. A temporary surfaced road (referred to as a “shoo-fly”) would be used during construction of the new box culvert and alignment shift near County Road 197.

**RIGHT-OF-WAY:** Some permanent property right acquisitions for right-of-way (ROW) are anticipated. Temporary construction easements (TE) would also be necessary at select locations throughout the project area.

**POTENTIAL IMPACTS:** An environmental review is being conducted to determine the environmental impacts associated with the proposed project. Wetland impacts are being studied and would be mitigated, if necessary, on the project or at a regional wetlands bank.

**ESTIMATED COST:** The cost of the project is approximately \$5.2 million. Anticipated funding would derive from federal and state sources.



R.P. 97+57 HWY. US-30  
STA. 599+78  
BEGIN PROJECT

# STP-30-1(133); CN 51463 US-138 West



**Send comments to:**

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**For more Information:**

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R.P. 107+86 HWY. US-30  
STA. 1143+17.77  
END PROJECT

**PRELIMINARY PLAN**  
NOT FINAL - SUBJECT TO CHANGE